

Technical Data

STAYSEAL 75 NON-PICK

Two Part, Pick-Resistant Epoxy Sealant

Description

STAYSEAL 75 NON-PICK is a two-part easy to mix epoxy sealant which cures to form a hard, pick-resistant seal accommodating small movement in extension and large movement in compression.

Benefits

- Excellent impact, wear and chemical resistance
- Resistant to picking
- Passed for use on different home office, national offender management services and ministry of justice projects.
- Smooth, glossy finish
- Suitable for permanent water immersion

Recommended For

- Secure environments giving a vandal resistant seal.
- Perimeter sealing of cell windows, doors and sanitary ware.
- Swimming pools.
- Compression joints shower rooms. Areas where long-term immersion in water is likely.

Application

Mix with low speed "pig tail" pug to an even colour. Avoid excess air entrainment.

Specific Resistances

UV Resistance - Good.

Chemical Resistance - As detailed on Specific Data Table overleaf.

Flammability - STAYSEAL 75 NON-PICK burns but will not readily ignite; it does not therefore constitute a fire hazard.



Available in

1.2L Tin in the following colours:

Brilliant White
Grey

Storage

Store in cool, dry conditions between +5°C and +25°C. Storage outside these parameters will dramatically reduce shelf life.

Shelf Life

24 months from date of manufacture when stored as directed.



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Health & Safety

Handle with care.
Read material safety data sheet before use.

Joint Dimensions

Joint Width: 6 - 20mm
Joint Depth: 10mm (porous surface)
6mm (non-porous surface)

Surface Preparation

Ensure surfaces are clean, dry and free from loose material, dust, rust and grease. Use a proprietary degreaser if necessary.

Specific Data

Colour	White / Grey
Application Temperature	+10 to +40°C
Service Temperature	-20 to +90°C
Shore D Hardness	60 - 70
Compressive Strength	50 N/mm ² @ 7 days (20°C)
Tensile Strength	15 N/mm ² @ 7 days (20°C)
Pot Life	30 minutes @ 20°C
Cure Time	48 hours @ 25°C
Chemical Resistance	Resistant to most alkalis and dilute acids, petrol and diesel. Resistant to most cleaning chemicals used in swimming pools. Neat hypochlorite crystals should not be applied to the product.
Movement Accommodation	5% - tension 50% compression

Joint Width Calculation

Joint widths are calculated as in BS6213:

$$\text{Width} = \frac{M \times 100}{F} + M$$

Where M = movement and F = movement accommodation Factor

Limitations

- Not recommended for structural joints.
- Not recommended for expansion joints.
- On application, surface bubbles may appear in joints during the curing process. Should this occur, re-tool joints after 30—60 minutes to reduce effect.

Coverage

A 1.2 litre unit is sufficient to fill 1 litre of joint.

I.e. 10 linear metres @ 10mm x 10mm

Joint Size (mm)	Litre per metre run
6 x 6	27.75
9 x 6	18.50
12 x 9	9.25
18 x 12	4.75
24 x 24	1.75

Primer

Priming is not always necessary; but if in doubt use a suitable primer as directed prior to application.

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